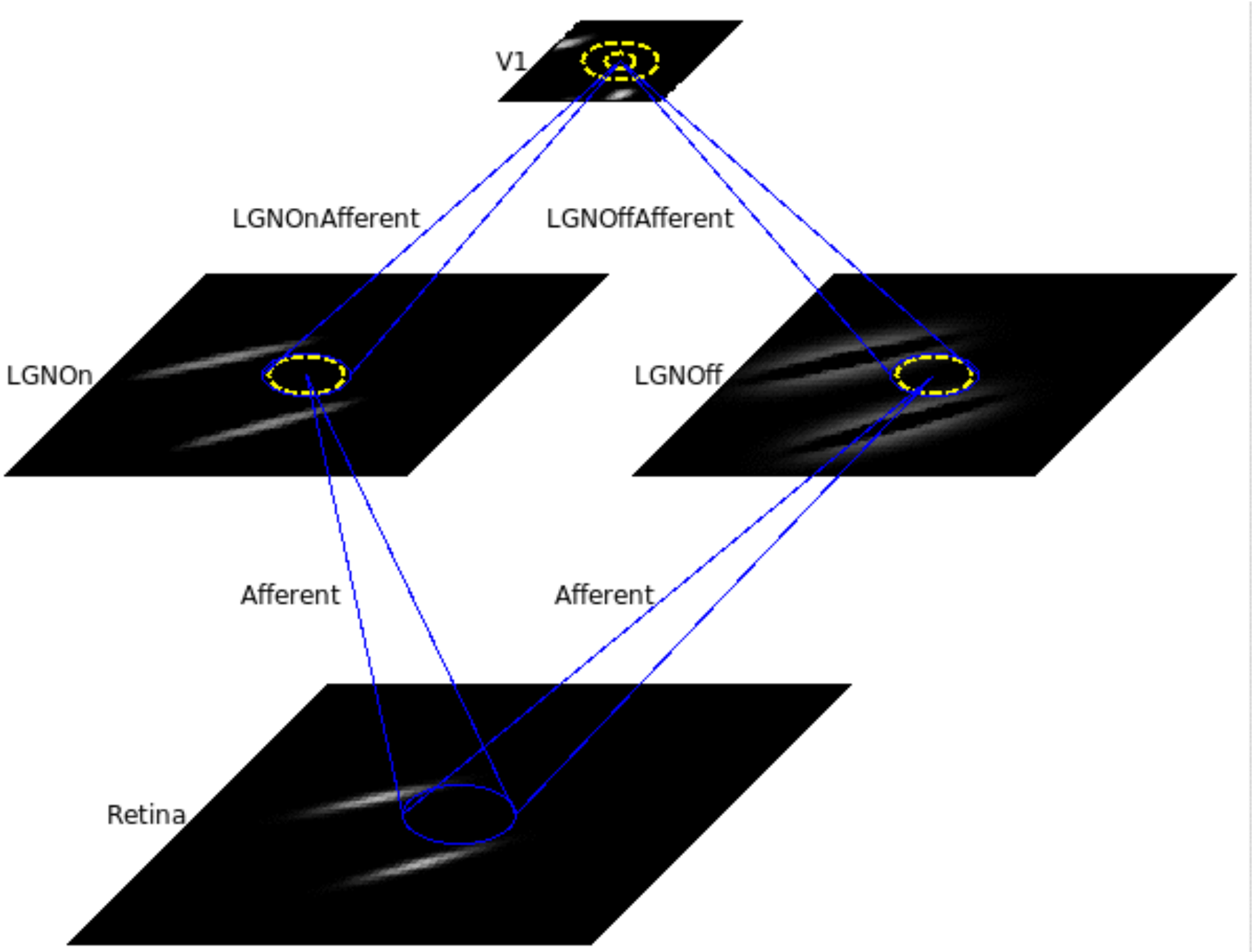
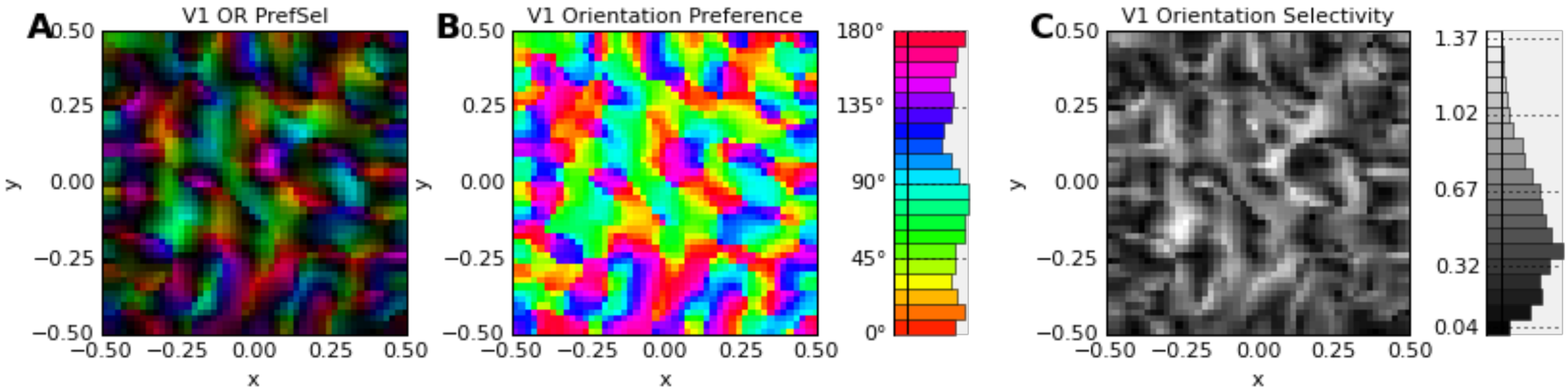
Maps in the Brain

Visualisation of Orientation and Selectivity Maps of the Visual Cortex

Topographica

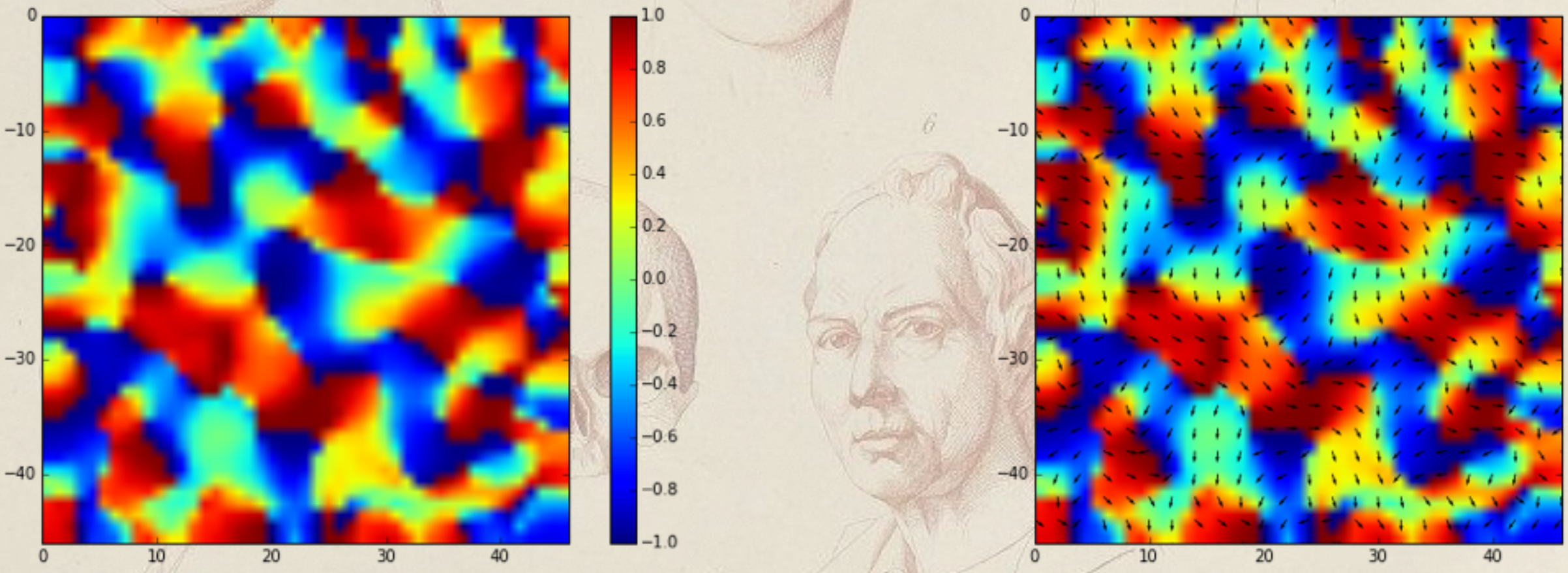


Topographica (holoview)



Orientation Preference Map

with Vector Field for orientation

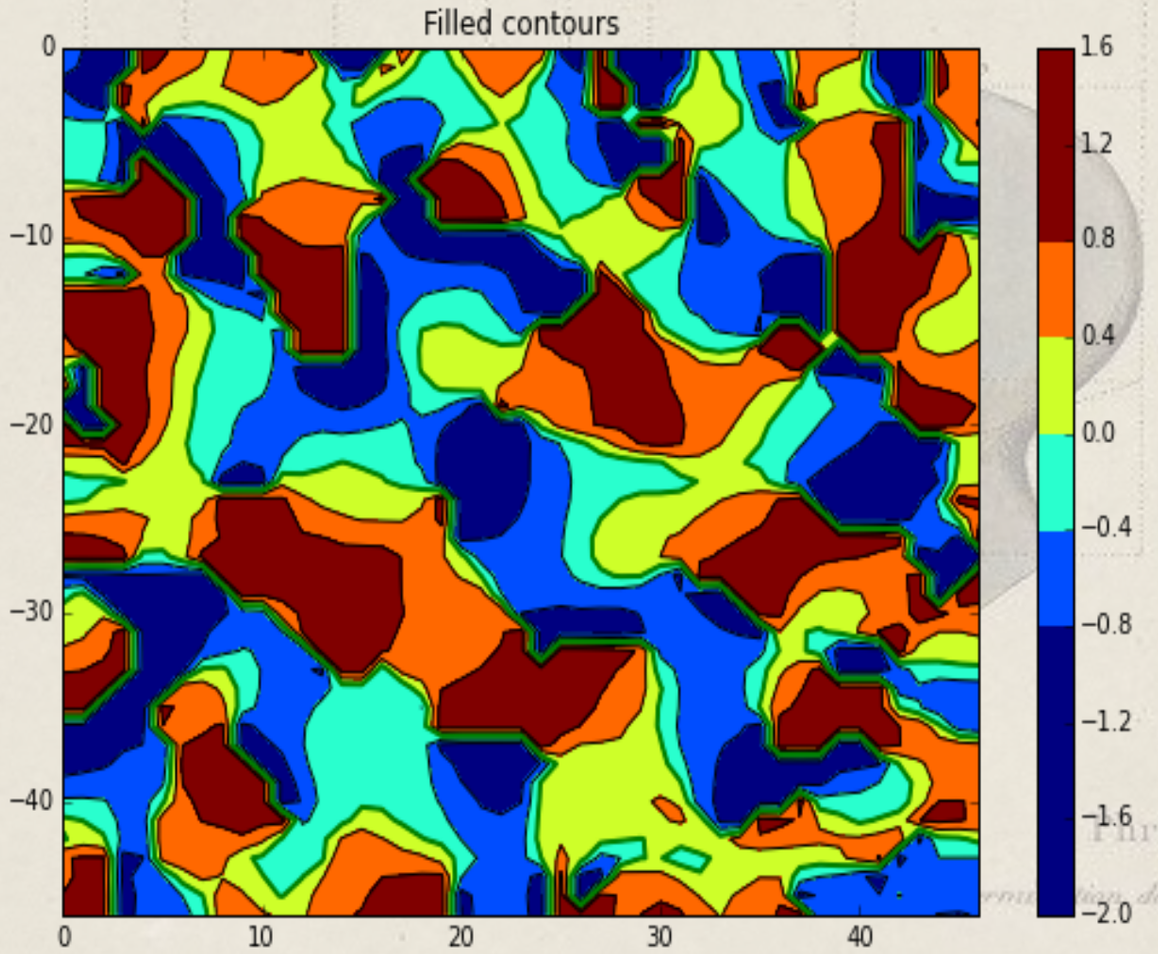


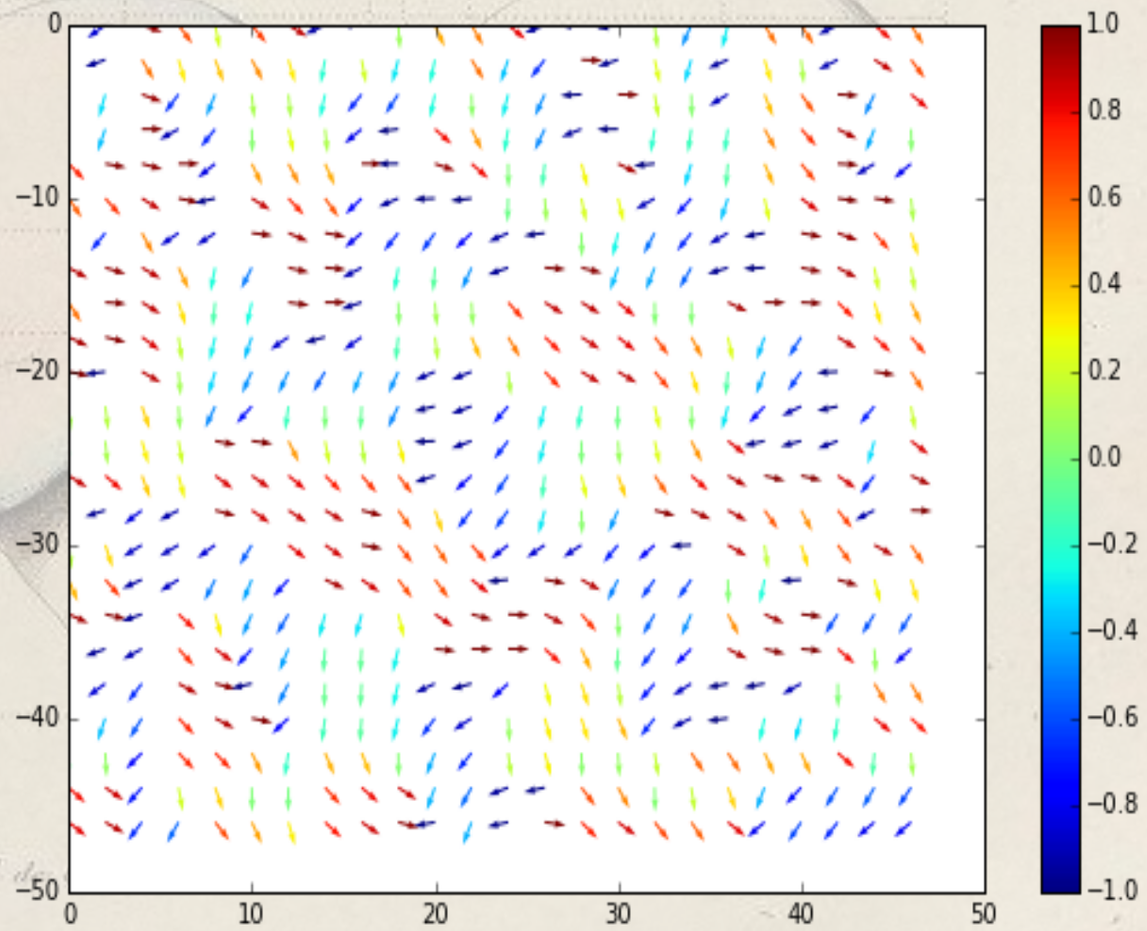
Phrénologie

1, 2, 3. Division Phrénologique du Crâne d'après Gall. 4 Buffon. 5 Descartes. 6 Gluck. 7 Raphaël

Orientation Preference Map

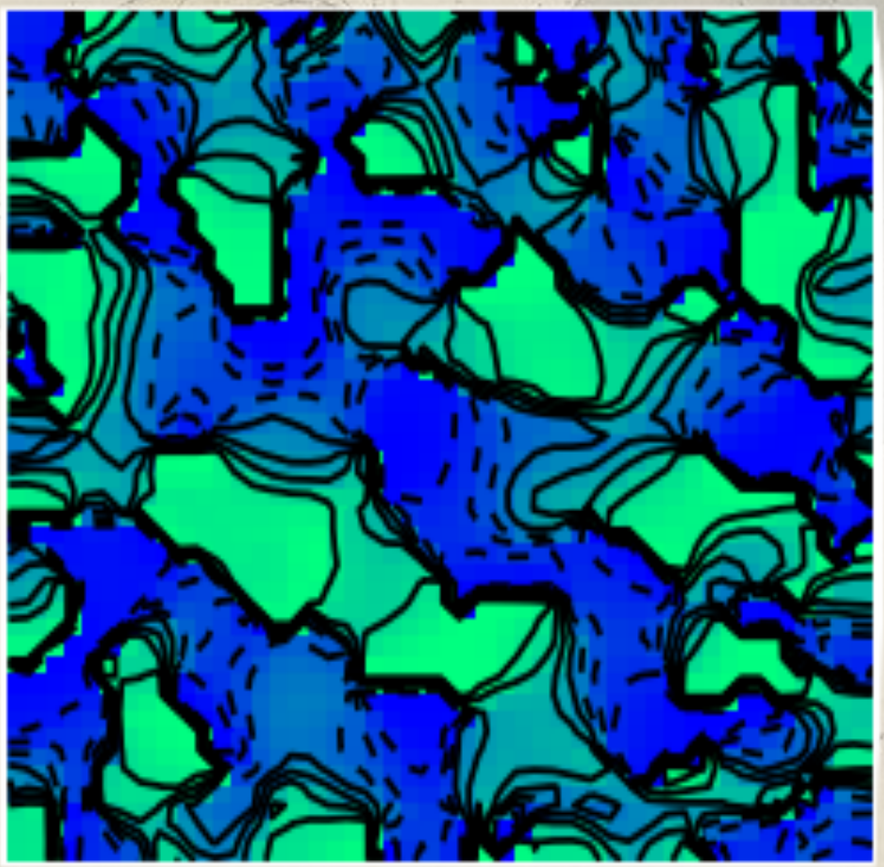
Contours and Coloured Vector Field



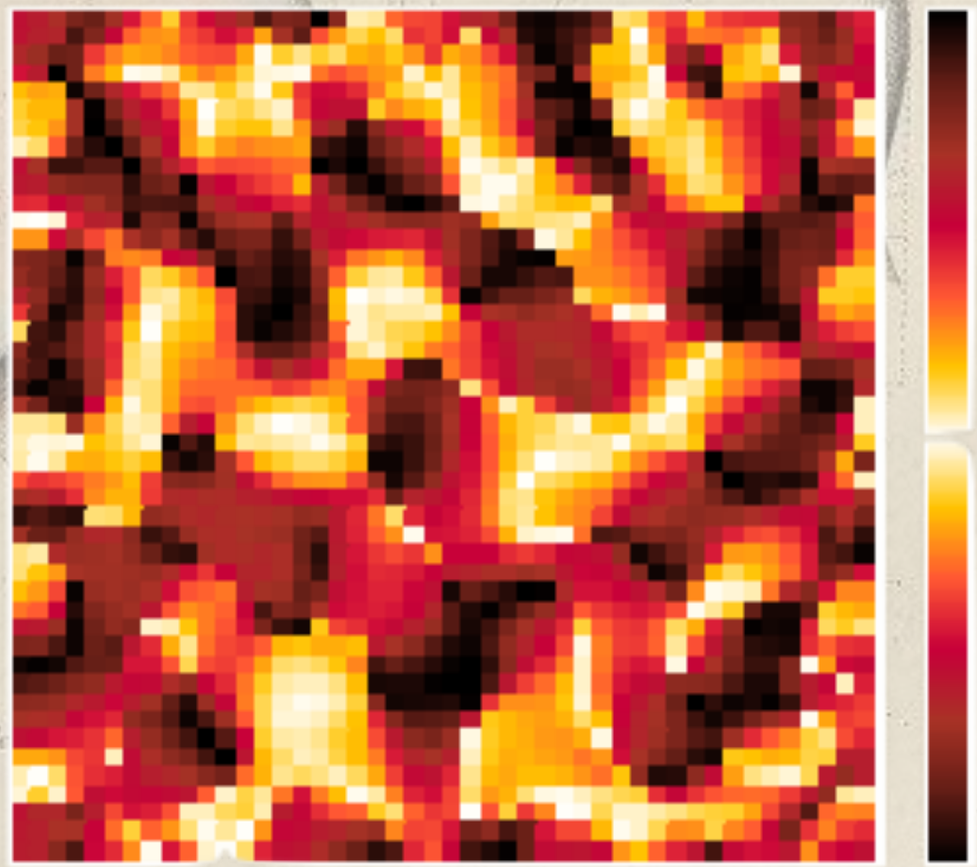


Orientation Preference Map

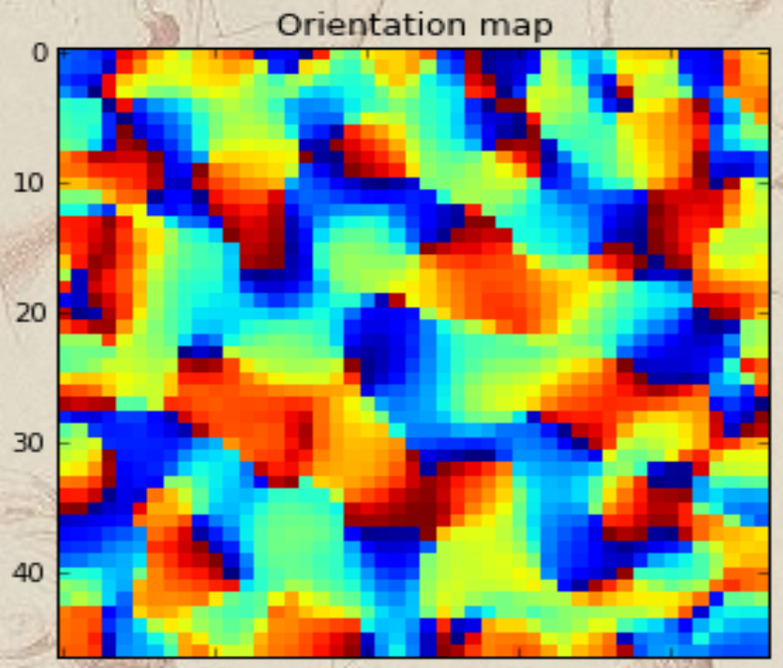
Something for the
Brain-Art Contest

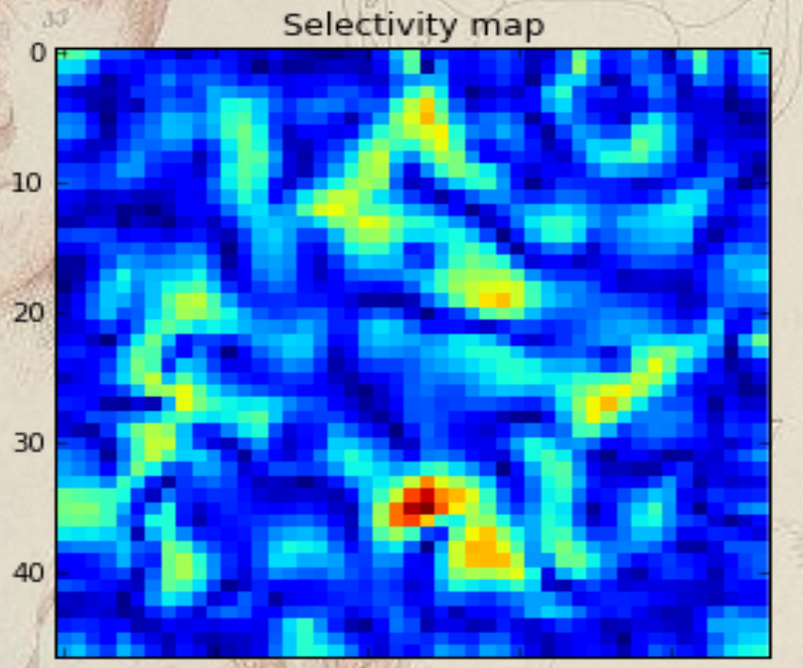


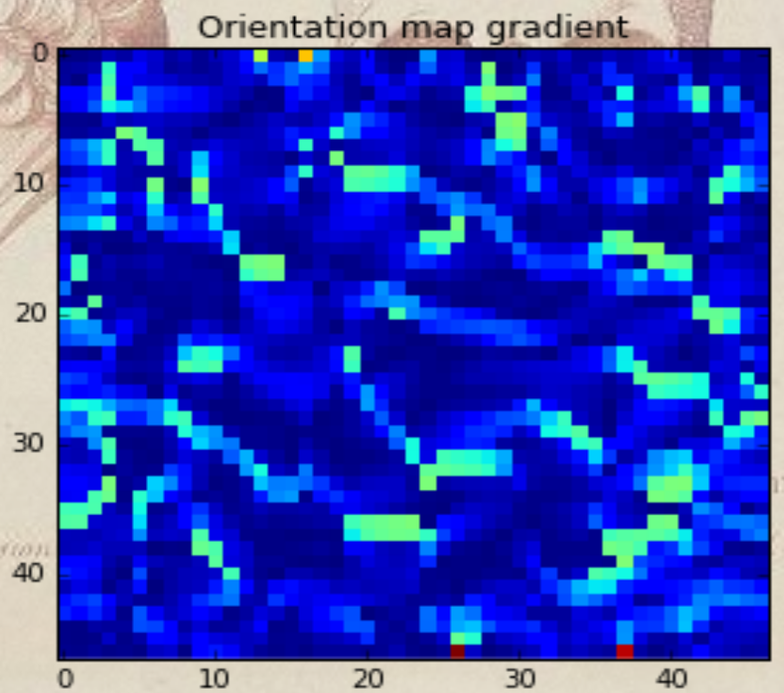
Horizontal vs. Vertical
(custom colormap)

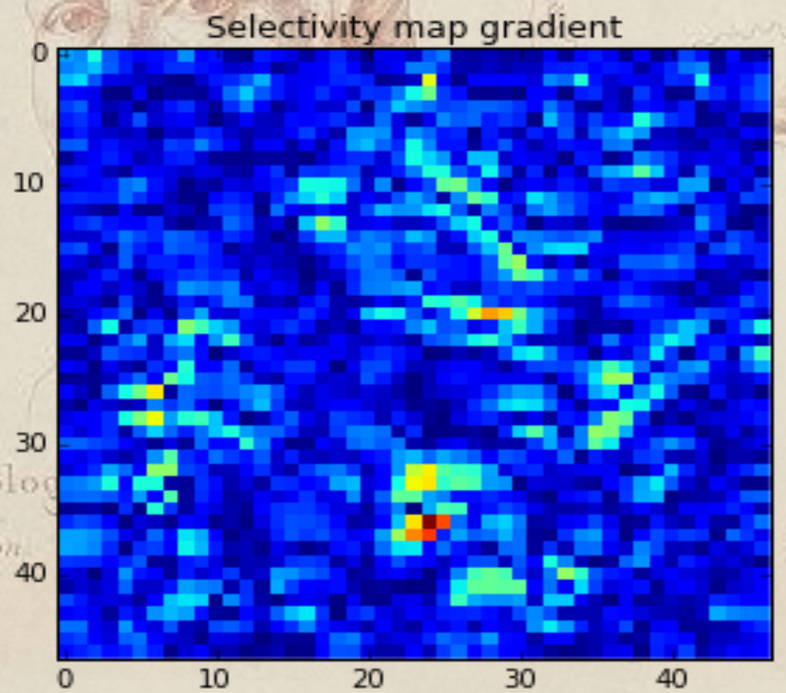


Map Gradient

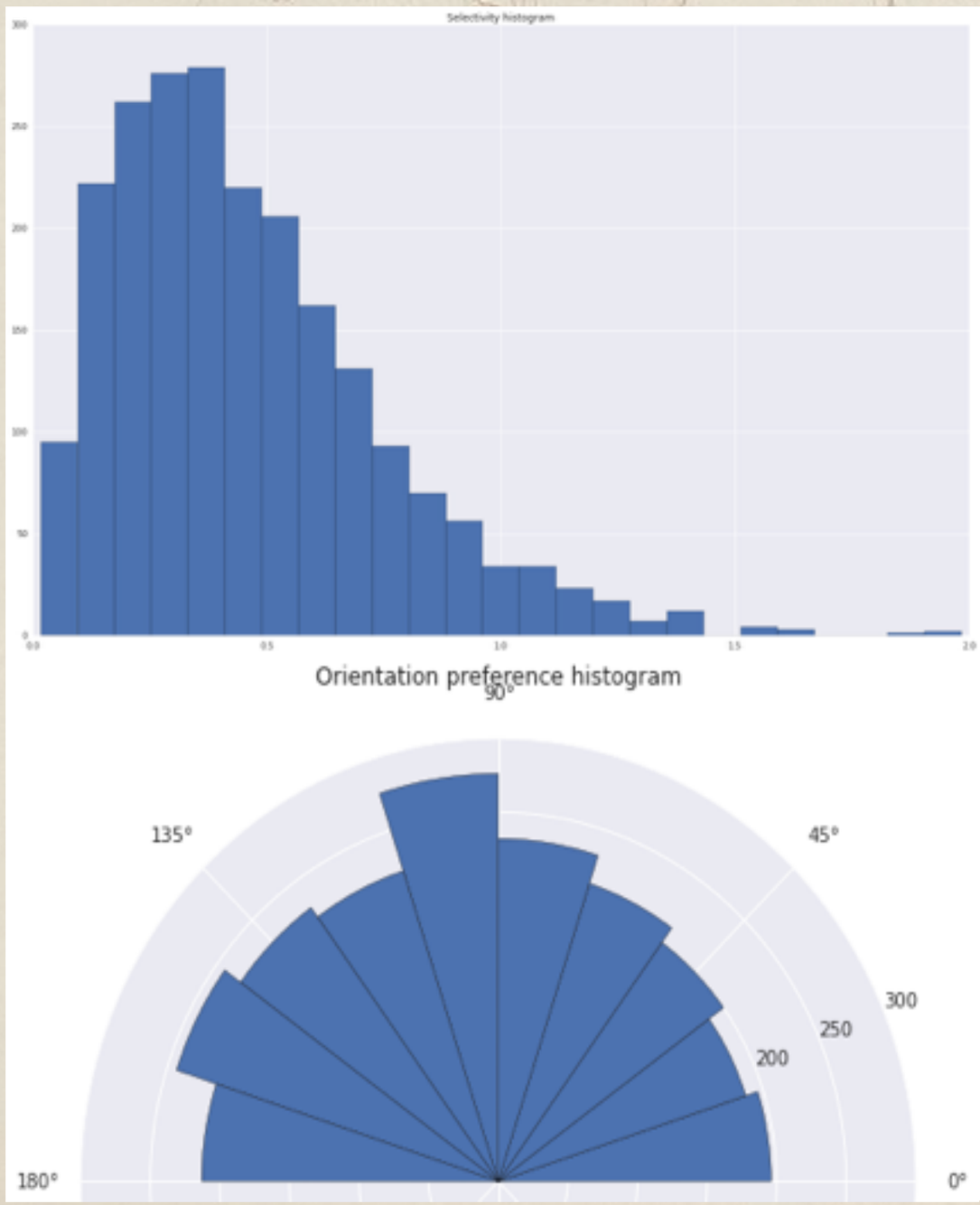


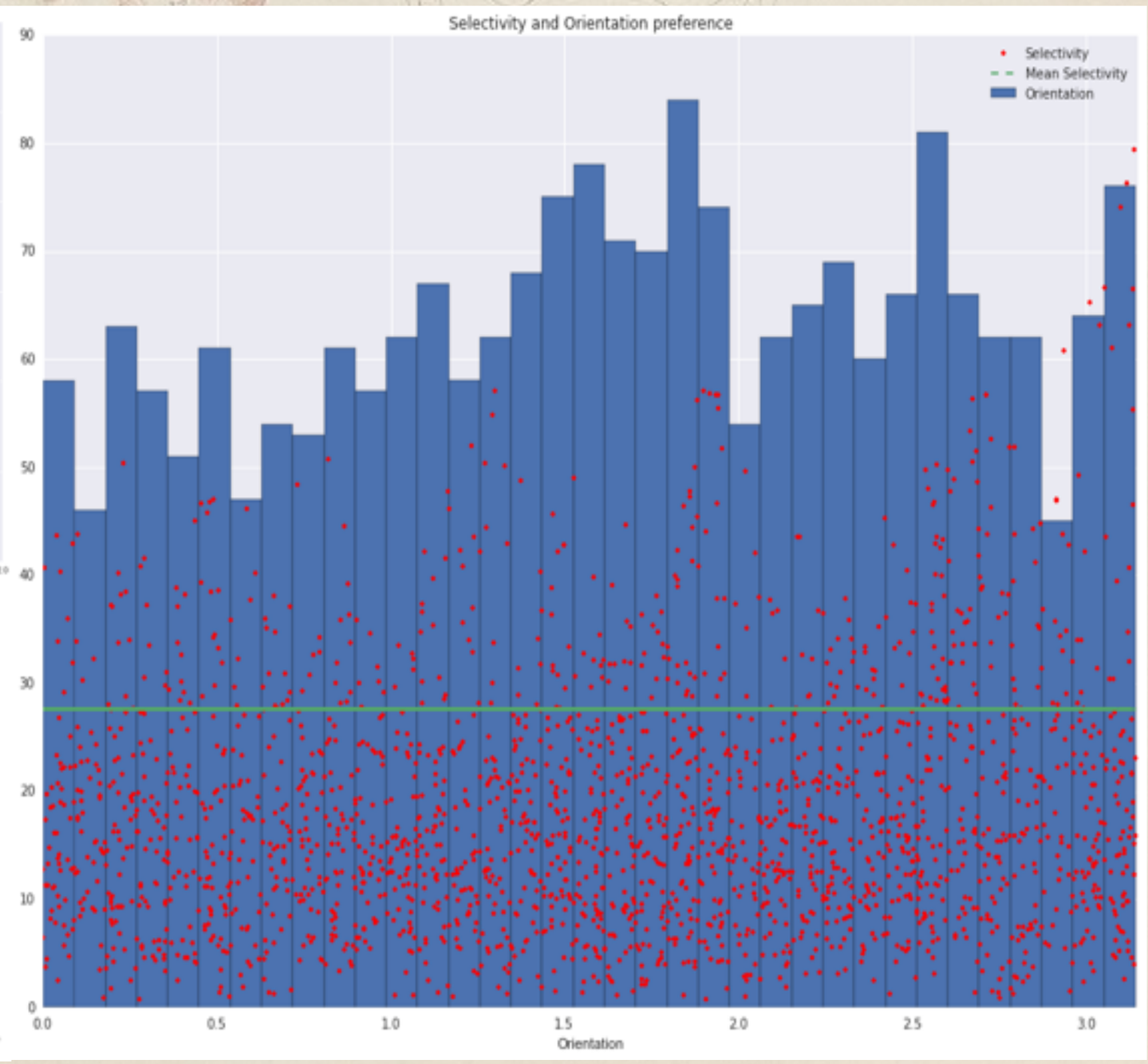






Let numbers be numbers



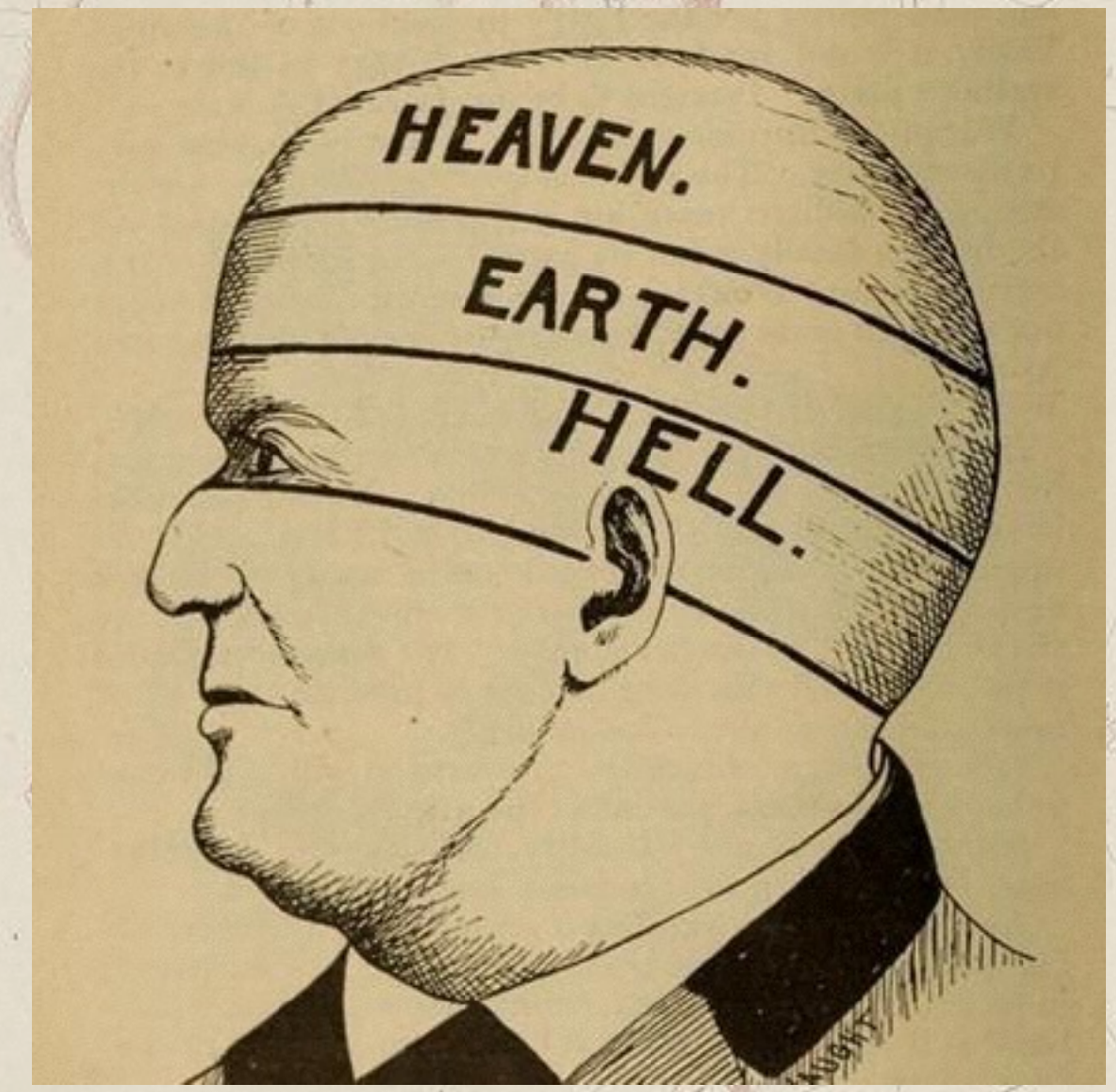


And then go wild

To sum up

- Data visualisation:
- Is fun
- Improves communication
- Data exploration

This is the End



https://github.com/aniv0s/V1Maps_Visu